Telic's core business is to provide Personnel, Equipment, and Facilities to support Weapons and Munitions Products





Corporate By Laws

In vicissitudes, **TELIC** Corporation shall:

- Excel in all academic and investment efforts.
- Display integrity and tact in each transaction and dealing.
- Invest within local and foreign markets as determined feasibly by study and risk assessment.
- Seek out and consider advice from those who excel in their respective field.
- Ensure corporate officers and investors are provided with the finest information and training available.
- Endeavor to seek out opportunities that have been over sighted.



Certifications

- 8(a)
 - Allows you to contract directly to TELIC without competition
 - Advantageous for small assignments
- SBA Certified Ammunition Manufacturer
- SDB (Small Disadvantaged Business)
- Hubzone Located
- Veteran & Minority Owned (Army & Marine Corps) & (American Indian)



Background

- Incorporated November 9, 1998
- Operated Tax Center
- Telic Corporation president was a member of the 40mm HVCC 5 man design team
- Historical Projects
 - Telic's Largest Present Project is design layout, construction, operation and maintenance of Chemical Weapons Demilitarization Facility to destroy VX Nerve Agent (Gas)
 - Design and build Grain Saws
 - Temporary Employee placement for Technical/Clerical Positions
 - Designed and Fabricated 155mm Crimp Machine



Technical Capabilities

- Prepare/Assist in writing Required Safety
 Related Test Plans for new warfare products in
 order to obtain approval by the appropriate
 Governing Service Safety Board
- Present/Assist in presenting the Required Safety Related Test Plans to Governing Service Safety Board
- Conduct/Assist actual Firing Tests
- Prepare/Assist in writing Final Test Reports on Approved Safety Test Firings
- Provide Selection of Ranges/Locations for required Test Firings



Technical Capabilities (cont'd)

- Technical Writing or Assistance as Required on
 - Ammunition
 - Munitions
 - Weapons/Guns
 - Complete Weapons Systems
- Facilities
- Manufacturing
- Products
- Utilize Pro/ENGINEER Software



Ammunition, Munitions, Weapons/Guns and Complete Weapons Systems

- Prepare/Assist in preparation of Required Safety Related Test Plans for all Military Service's to obtain approval on warfare products for service use by their Respective Safety Boards, For Example: Navy, Weapons Systems Explosive Safety Review Board (WSESRB)
 - Safety Firing Test Plans
 - Safety Environmental Test Plans
 - Safety Field Test Plans
 - Safety Proof Firing Test Plans



Provide Selection of Test Firing Ranges/Locations

- Ares, Inc.
 - Located at Port Clinton, Ohio
- New Mexico Tech
 - Located at Socorro, New Mexico
- Camp Atterbury
 - Located at Edinburgh, Indiana
- Camp Grayling
 - Located at Grayling, Michigan



Technical Writing

- Technical Documents
 - Writing/Updating Technical Manuals as required for:
 - Ammunition
 - Munitions
 - Weapons/Guns
 - Complete Weapons Systems
 - Assist in Writing/Updating Technical Manuals as required for:
 - Ammunition
 - Munitions
 - Weapons/Guns
 - Complete Weapons Systems



Facilities

- Corporate Headquarters
 Valparaiso, IN
 708-906-4671
- Ordnance-Ammunition Port Clinton, OH 219-406-2164
- Equipment Manufacturing Rockville, IN 219-405-8297
- Chemical Demil Newport, IN 765-245-5267



Manufacturing

- Design and Fabricate Ammunition Production Equipment and Demilitarization Equipment
- Complete Machining Capabilities
 - Conventional and CNC
 - Laser Burning
 - Modern 8,000 Sq. Ft. Facility
- Certified Welding Capabilities
 - Mild steel, stainless, aluminum, alloy steel
 - MIG-TIG
 - Plasma Burning



Manufacturing (cont'd)

- Design/Engineering Services
 - R and D
 - Prototypes
 - Full Production
- Specialized Capabilities
 - Hydraulics
 - Pneumatics
 - Air Logics
 - Electrical Controls
 - Programmable Logic Controls (PLC)
 - Explosion Proof



Products

- Special Machinery and Equipment
 - Load and Pack
 - Demil
 - Automation/Transfer
 - Test
- Gun Mounts
 - MK 88 (25MM)
 - MK 98 (25MM)
 - MK 93 (.50 CAL)
 - MK 94 (.50 CAL)
 - MK 97



Pro/ENGINEER



Pro/Engineer Experience/Relationship

- Experience with Pro/E since version 2 1990
- Influenced over 150 software enhancements
- Participate in specifications requirements development (as requested by PTC)
 - Windchill Product Configurator
 - Model and Drawing Programs (Process Automation)
 - Pro J/Link (Delta)
 - Pro/Report (Dynamic BOM)
 - Pro/Manufacture (N/C Sheetmetal and Turning)
- Provide demo's and consulting to potential PTC customers for enhancements



Parametric Technology Corp.



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Others:

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Marvin Windows Rolls Royce Mitsubishi

Toshiba



Pro/Engineer

- Feature-based 3-D solid model
- Soft prototype
- Bills of materials, parameters, and features
- Drawings
- N/C graphics
- Contract specific automated configuration capabilities



- Feature-based 3-D solid model
 - Examples of features
 - Holes, cuts, slots, protrusions, assembly features, assembly components, etc.
 - Parametric configuration control of features (including assembly components)
 - Dimension assignment, suppression, component interchangeability, assembly constraints, etc.
 - Parameter definition
 - Material type, part number creation, cost, etc.



- Soft prototype (aiding in design, manufacturability, and tooling definition)
 - Engineering rule validation
 - Form, fit, and function validation
 - System generated interference checks
 - Global, part-pair, MMC (tolerance driven)
 - Visual interference checks
 - Component optionality validation
 - Mass property calculations (assembly and part level)
 - Weights, center of gravity, etc.



- Bills
 - Parametric, dynamic, used by down-stream systems
 - Types (Bills of:)
 - Material (resident at assembly level)
 - Assembly optionality or interchangeable component driven
 - Parameters (resident at assembly and part level)
 - Parametric and derived during regeneration
 - Features (resident at assembly and part level)
 - Location dimensions, size dimensions, and suppression control



- Drawings
 - Programmable and parametric
 - View location and suppression
 - Dimension location and suppression
 - Parametric note location and suppression
 - Assembly
 - Dynamic BOM's (Pro/Report)
 - Optionality or interchangeable component driven



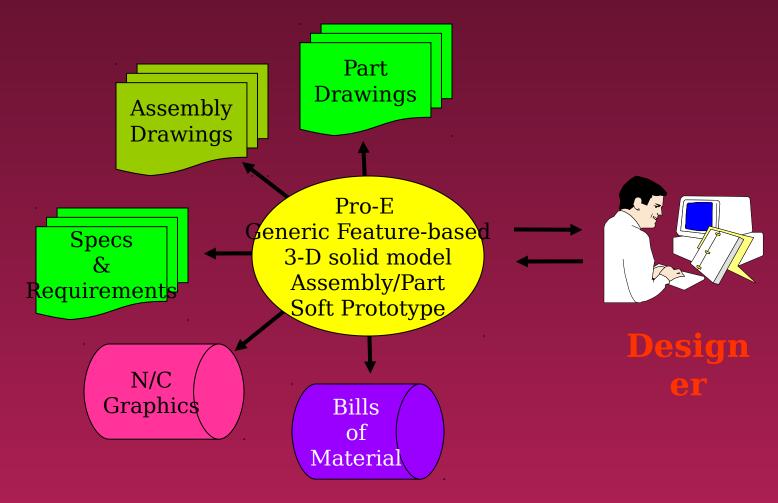
- N/C graphics
 - Use solid models to drive N/C equipment
 - Flattened sheetmetal components
 - Bend allowance definition (Y-factor) based on material, part radius, and tooling
 - As parameters change, flat patterns update
 - Parameter driven part markings for identification
 - Output in neutral file format
 - AutoCAD
 - .dxf
 - .iges
 - SLA



- Contract specific automated configuration capabilities
 - Develop process to generate output already discussed
 - Driven from order entry (sales office or sales engineer)
 - Inputs
 - Question generated (parameter driven)

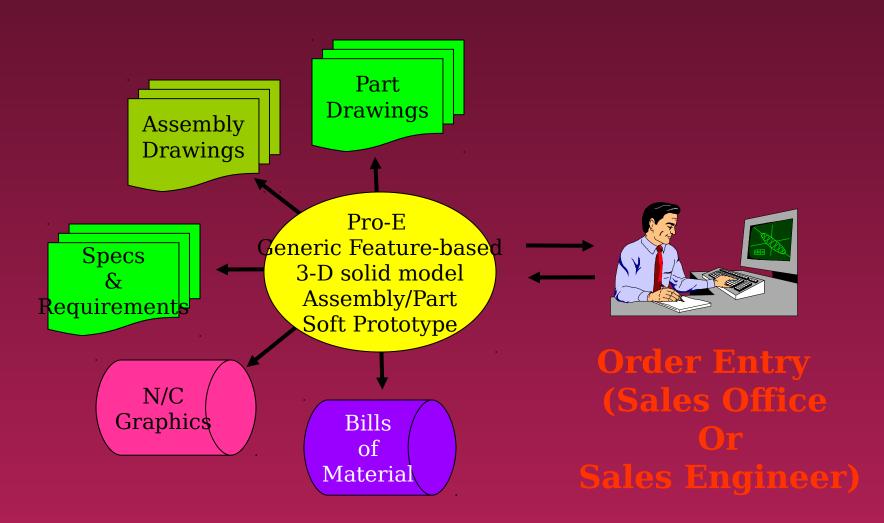


Models, Drawings and Process Definition





Process User



09/02/16

Telic Corporation



Pro/Engineer Demo